

# **SYSTEM AND METHOD FOR EFFECTIVELY PERFORMING AN IMAGE DATA TRANSFORMATION PROCEDURE**

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## **ABSTRACT OF THE DISCLOSURE**

A system and method for effectively performing an image data transformation procedure may include an electronic camera device that is implemented to capture primary image data corresponding to a photographic target. A transformation manager in the electronic camera device may be  
10 configured to convert the primary image data into secondary image data by utilizing selectable transformation parameters that are optimized by utilizing an optimization metric to thereby minimize noise characteristics in the secondary image data. The transformation parameters may be stored in  
15 parameter lookup tables in the electronic camera device for use by the transformation manager in performing the image data transformation procedure.

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